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Sequence Listing was accepted.

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Reviewer: markspencer

Timestamp: [year=2009; month=6; day=4; hr=13; min=28; sec=31; ms=116;]

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Application No: 10519855 Version No: 2.0

Input Set:

Output Set:

Started: 2009-05-18 17:58:48.939
Finished: 2009-05-18 17:58:51.861
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 922 ms
Total Warnings: 6
Total Errors: 0
No. of SeqIDs Defined: 8
Actual SeqID Count: 8

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SEQUENCE LISTING

<110> OKADA, Hidechika
OKADA, Noriko

<120> Human IgM antibody inducing apoptosis in HIV-infected cells and remedy for HIV-infection

<130> Q112017

<140> 10519855

<141> 2005-09-14

<150> PCT/JP2003/008305

<151> 2003-06-30

<150> JP 2003-74316

<151> 2003-03-18

<150> JP 2002-227953

<151> 2002-07-01

<160> 8

<170> PatentIn version 3.3

<210> 1

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<212> DNA

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tgcagctggg ggagtctggg ggaggcctgg tcaagcctgg ggggtccctg agactctcct 180

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aatgaacag cctgagagcc gaggacacgg ctgtgtatta ctgtgcgaga gatctcctta 420

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catctgtagg agacagagtc accatcactt gccgggagag tcagggcatt agcaattatt    180
tagcctggta tcagcagaaa ccagggaaag ttctaaact cctgatctat gctgcatcca    240
ctttgcaatc aggggtccca tctcggttca gcggcagtgg atctgggaca gatttcactc    300
tcaccatcag cagcctgcag cctgaagatg ttgcaactta ttactgtcaa aagtataaca    360
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20              25              30
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Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
35              40              45
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Ser Thr Tyr Ser Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
50              55              60
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Glu Trp Val Ser Ser Ile Ser Ser Ser Ser Ser Tyr Ile Tyr Tyr Ala
65              70              75              80
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Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn
85              90              95
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Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
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Tyr Tyr Cys Ala Arg Asp Leu Leu Ile Ala Val Ala Gly His Trp Gly
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Gln Gly Thr Leu Val Thr Val Ser Ser
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<223> Synthetic DNA encoding 2G9 antibody variable region

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ggtaaaggTt tagaatgagt ttcttctatt tcttcttctt cttcttatat ttattatgct 240
gattctgtta aaggTcgttt tactatttct cgtgataatg ctaaaaattc tttatatTTa 300
caaataaatt ctttacgtgc tgaagatact gctgTttatt attgtgctcg tgatttatta 360
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cagatgaact ccttgcgcgC cgaggacacc gccgtctact actgcgcccg cgacttgttg 360
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 g 121

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 g 121

<210> 8
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 <223> Synthetic 2G9-antibody fragment

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Met Glu Leu Gly Leu Arg Trp Val Phe Leu Val Ala Ile Leu Glu Gly
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Val Gln Cys Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys
20 25 30